

WEST Search History

DATE: Wednesday, September 14, 2005

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	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L20	L19 and liner	3
<input type="checkbox"/>	L19	L18 and 220/\$.ccls.	8
<input type="checkbox"/>	L18	(container or receptacle) with ramps with \$waste	57
	<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L17	US-6780637-B2.did.	1
<input type="checkbox"/>	L16	US-6780637-B2.did.	1
	<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L15	(container or receptacle) with ramps with \$waste	19
<input type="checkbox"/>	L14	collect\$ with container with waste with concrete	10
	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L13	collect\$ with container with waste with concrete	9
<input type="checkbox"/>	L12	automobile and liner and 134/\$.ccls.	24
<input type="checkbox"/>	L11	L10 with ramp\$	11
<input type="checkbox"/>	L10	collect\$ with container with waste	2716
<input type="checkbox"/>	L9	vehicles and lin\$	391275
<input type="checkbox"/>	L8	L7 with adher\$	1
<input type="checkbox"/>	L7	L6 with concrete	93
<input type="checkbox"/>	L6	container with coating	14728
<input type="checkbox"/>	L5	L4 and (washing out)	1
<input type="checkbox"/>	L4	L3 and adher\$	132
<input type="checkbox"/>	L3	L2 and (preventing) and concrete	318
<input type="checkbox"/>	L2	liner and vehicle\$	13561
<input type="checkbox"/>	L1	liner and vehicle\$ and el-arini	2

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20040074903 A1

Using default format because multiple data bases are involved.

L19: Entry 1 of 8

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040074903

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040074903 A1

TITLE: Waste transfer system

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Klempner, Ronald A.	Teaneck	NJ	US	

US-CL-CURRENT: 220/23.87

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 6877182 B1

L19: Entry 2 of 8

File: USPT

Apr 12, 2005

US-PAT-NO: 6877182

DOCUMENT-IDENTIFIER: US 6877182 B1

TITLE: Lawn and garden waste can

DATE-ISSUED: April 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hutson; Felix A.	Humble	TX	77396	

US-CL-CURRENT: 15/257.1; 15/257.6, 15/257.9, 220/908

ABSTRACT:

An improvement to a four sided trash container having wheels and a hinged lid includes a ramp in at least one side of the can near an upper rim of the container, the ramp being either fixed or pivotal, with the upper rim on which the ramp is

located also including a tapered sweep above the ramp, for raking or sweeping debris into the container without the debris falling back out of the container during filling of the container while on its side.

3 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 3. Document ID: US 6780637 B2

L19: Entry 3 of 8

File: USPT

Aug 24, 2004

US-PAT-NO: 6780637
DOCUMENT-IDENTIFIER: US 6780637 B2

TITLE: Disposal apparatus and method for efficiently bio-converting putrescent wastes

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Olivier; Paul A.	Washington	LA	70589	

US-CL-CURRENT: 435/290.4; 220/557, 220/654, 220/698, 435/262

ABSTRACT:

The present invention is directed to a method and system of system for efficiently bio-converting putrescent wastes to a more usable form. The present "domestic" unit does not utilize a motor nor does it contain any moving parts. Instead, the domestic unit generally comprises a generally rounded container with two small ramps on the inside of the container. The two ramps begin at the bottom of the container and spiral up to the top of the container, where they adjoin a discharge pipe. In operation, the putrescent waste is deposited into the domestic unit container. Mature larvae have only one avenue of escape from the putrescent waste, up the ramps and into discharge pipe and onto collection tubes where the larvae are collected and processed. When the container fills up with larval residue, the larvae are removed from the container, the container is emptied of residue, and the larvae are put back into the container. Because the container may be fabricated in any size, from a wide variety of materials, smaller containers can be manually tended.

33 Claims, 17 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 4. Document ID: US 6283909 B1

L19: Entry 4 of 8

File: USPT

Sep 4, 2001

US-PAT-NO: 6283909

DOCUMENT-IDENTIFIER: US 6283909 B1

TITLE: Container for supplying medical products and disposal of medical waste material

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sharp; Fraser R.	Vancouver, B.C.			CA

US-CL-CURRENT: 588/249.5; 206/366, 220/908, 588/900

ABSTRACT:

A medical supply and sharps container includes a container body having a cover. Medical apparatus may be supplied the user in the container. The cover includes a lid or door defining an entry slot into the container after the medical apparatus has been removed and the container has been converted to a sharps container. In one form, a lid defines an entry slot through the cover for disposition of medical waste material onto an inclined chute underlying the lid whereby an individual's hand or fingers cannot be passed through the entry slot into the container. In another form, a hood and balanced shelf arrangement is releasably secured to the cover in a manner to open a door overlying an opening through the cover upon securement of the arrangement to the cover and to close the door upon removal of the arrangement from the cover.

33 Claims, 12 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWC	Draw De
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☐ 5. Document ID: US 6199714 B1

L19: Entry 5 of 8

File: USPT

Mar 13, 2001

US-PAT-NO: 6199714

DOCUMENT-IDENTIFIER: US 6199714 B1

TITLE: Waste receptacle with swept debris pick up and features to maximize convenient use of receptacle liners

DATE-ISSUED: March 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thompson; Charlotte Annette Vaughn	Bay Minette	AL	36507	

US-CL-CURRENT: 220/495.07; 220/495.04, 220/908

ABSTRACT:

A waste receptacle with a open upper end, a closed lower end, sidewalls there between and a lid to enclose open upper end. A lower portion on a sidewall has an inwardly formed recess dimensioned to receive the toe and end portion of a human foot to hold receptacle when full liners are removed. As well as the same recess is also dimensioned to receive swept debris into a vacuum tube through an open recess within the inwardly formed recess of the lower sidewall. The vacuum tube is secured to inner sidewall of receptacle and is received into a removable debris storage container that is also removable received by a vacuum housing secured with in receptacle. Handles of receptacle bend open to receive and neatly secure bulky excess top portion of liner to receptacle. Handles of receptacle also collate with an outward extending ledge of receptacle lid to lock seal the receptacle. The receptacle lid has within its outwardly extending formed handle a sealed internal trash tie storage compartment. A versatile liner dispenser is mountable to desired position within receptacle to provide a continuous supply of liners to receptacle.

8 Claims, 15 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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☐ 6. Document ID: US 5924162 A

L19: Entry 6 of 8

File: USPT

Jul 20, 1999

US-PAT-NO: 5924162

DOCUMENT-IDENTIFIER: US 5924162 A

TITLE: Waste receptacle with a sweeping ramp having protruding teeth

DATE-ISSUED: July 20, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kalscheur; Leo Peter	McFarland	WI		
Siggelkow; Kathleen Ellen	McFarland	WI		

US-CL-CURRENT: 15/257.2; 15/142, 15/257.1, 15/257.3, 15/257.6, 220/531, 220/908

ABSTRACT:

Shown and described is a waste receptacle suitable for receiving swept waste materials from a broom or similar cleaning implement. The waste receptacle includes a sweeping ramp having protruding teeth. Users may sweep waste up the sweeping ramp, and the teeth serve to hinder the escape of waste from the ramp as the broom head is withdrawn across the ramp surface. A waste bin may be included adjacent the top of the sweeping ramp to receive waste swept up the ramp. A chute may be provided above the waste bin so that users may drop waste down the chute and into the waste bin.

20 Claims, 4 Drawing figures
Exemplary Claim Number: 20
Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 5107305 A

L19: Entry 7 of 8

File: USPT

Apr 21, 1992

US-PAT-NO: 5107305
DOCUMENT-IDENTIFIER: US 5107305 A

TITLE: Cleaning mechanism and method having particle flow guides

DATE-ISSUED: April 21, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Charland; Michael R.	Penfield	NY		
Ziegelmueller; Francisco L.	Penfield	NY		

US-CL-CURRENT: 399/360; 15/256.52, 220/501

ABSTRACT:

A mechanism for cleaning an image-bearing surface in an electrostatographic apparatus includes an elongate container for receiving and holding toner and other particles removed from such surface. The container which includes a sump that has a front portion and a rear portion, is liftable from a first and generally horizontal position, to a raised, second and partially upended position on one end. The sump of the container includes slanted flow guides therein for moving toner and other particles from the front portion to the rear portion thereof by lifting the container from the first position to the second position.

22 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw. De
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☐ 8. Document ID: US 5005729 A

L19: Entry 8 of 8

File: USPT

Apr 9, 1991

US-PAT-NO: 5005729
DOCUMENT-IDENTIFIER: US 5005729 A

TITLE: Displaceable waste basket

DATE-ISSUED: April 9, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hollman; Kevin A.	Honolulu	HI	96822	

US-CL-CURRENT: 220/23.83; 220/263

ABSTRACT:

A displaceable waste basket and a displaceable cabinet shelf tray is disclosed. The displaceable waste basket has a cabinet portion, a waste portion disposed inside the cabinet portion, and a recessed slide mechanism for displacing the waste portion from an extended position to a retracted position and vice versa so that the waste portion is hidden within the cabinet portion when the waste portion is in the retracted position and the waste portion being visible outside the cabinet portion when the waste portion is in the extended position.

9 Claims, 13 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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Term	Documents
220/\$	0
"220/DIG.1"	291
"220/DIG.10"	22
"220/DIG.11"	41
"220/DIG.12"	62
"220/DIG.13"	149
"220/DIG.14"	174
"220/DIG.15"	79
"220/DIG.16"	34
"220/DIG.17"	21
"220/DIG.18"	43
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L12: Entry 10 of 24

File: USPT

Sep 21, 1999

DOCUMENT-IDENTIFIER: US 5954071 A

TITLE: Parts washing apparatus with centrifugal filter

Brief Summary Text (7):

In U.S. Pat. No. 3,378,019 (Riolo et al.) the patent teaches a paper filter located below the drain. The solvent flows through the filter with only the assistance of gravity. U.S. Pat. No. 5,522,814 (Olson) also teaches a gravity filter comprising a compartment filled with waste cotton located below the drain. U.S. Pat. No. 2,675,012 (Scales) notes that these types of gravity filters are quickly obstructed by the gunk and will not filter the solvent. Accordingly, Scales teaches a complex set of superposed sludge settling trays of successively decreasing diameters. U.S. Pat. No. 2,085,075 (Delano) teaches a portable crankcase flusher and cleaner that introduces, extracts, and filters cleaning fluid from the crankcase of an automobile using a complicated reversible one-way valve.

Brief Summary Text (9):

The second major effect of the foreign matter flowing freely into the drum along with the solvent is that, as the foreign material settles to the bottom of the drum it will accumulate and condense into gunk. This gunk layer will eventually foul, and probably damage, the pump. In any case, the solvent in the drum will eventually be so full of gunk and suspended matter that it will have to be replaced and the old solvent disposed of. In the age before hazardous waste laws, this problem was addressed in the art by using plastic drum liners that would capture the solvent, the foreign materials, and the gunk so that they could all be disposed of together--probably ending up in a landfill (assuming the liner made it that far without being punctured). This disposable liner concept is taught in U.S. Pat. No. 3,890,988 (Lee). U.S. PAT. No. 3,552,814 (Olson); U.S. Pat. No. 4,056,114 (Boutillette).

Brief Summary Text (10):

Contrary to a suggestion in the Lee patent, it is no longer possible to remove the gunk and solvent together in a plastic liner to be disposed of in a landfill or, for the matter, in the dirt behind the service station. The solvents used in parts washers are now classified as hazardous waste materials and are heavily regulated by both state and federal law. There are severe civil and criminal penalties for the improper disposal of the waste materials associated with these parts washers. Similarly, it is no longer practical to clean the gunk from the parts washers because the gunk still has to be disposed of as hazardous waste.

Current US Original Classification (1):134/109Current US Cross Reference Classification (1):134/110Current US Cross Reference Classification (2):134/111[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

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☐ 1. Document ID: JP 2000176396 A

L14: Entry 1 of 10

File: JPAB

Jun 27, 2000

PUB-NO: JP02000176396A

DOCUMENT-IDENTIFIER: JP 2000176396 A

TITLE: WASTE TREATMENT UNIT

PUBN-DATE: June 27, 2000

INVENTOR-INFORMATION:

NAME

COUNTRY

EMOTO, JIYUNSEI

HONDA, SUSUMU

TANAKA, KATSUMI

SATO, NORIO

SHIOTANI, AKIFUMI

INT-CL (IPC): B09 B 1/00; B09 B 3/00

ABSTRACT:

PROBLEM TO BE SOLVED: To enable a waste to be collected and accumulated, finally disposed of and reused as a building material by coagulating a coagulant-containing waste in a closed container having the inner surface coated with a coating material to form a square concrete block.

SOLUTION: After a coagulant-containing waste F is charged into a box B-1, the upper surface is leveled and the container is tightly sealed with a liquid coating material D-2 such as a synthetic rubber or the like, a lid C-1 is placed on the applied coating material D-2 overflowing from an overflow port C-4 is removed, and tight closure work is completed and a square concrete block is formed. Since a small unit of the coagulant-containing waste F is employed for the waste disposed unit and coatings with the coating materials D-1, 2 are applied an integrally formed square concrete block, the fear of leaking of a harmful substrate to the outside is very small even when the container is broken. Therefore, the fear of polluting the environment is very small even in the case of piling up in the open.

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: WO 2004071985 A2

L14: Entry 2 of 10

File: EPAB

Aug 26, 2004

PUB-NO: WO2004071985A2
DOCUMENT-IDENTIFIER: WO 2004071985 A2
TITLE: CONCRETE WASHOUT CONTAINER

PUBN-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME

COUNTRY

JENKINS, MARK

US

INT-CL (IPC): C04 B 0/
EUR-CL (EPC): B60P001/43

ABSTRACT:

CHG DATE=20050115 STATUS=O>A washout container to which are mounted inclined ramps that allow a transit mixer, concrete pumping truck or other concrete handling vehicle to drive up over a portion of the container for dumping excess concrete and washing out waste concrete. The container cross-section may be rectangular to semi-circular, and is preferably fabricated with a steel structure. A watertight latching door assembly is coupled to the container to prevent leakage of collected liquid concrete waste material while allowing solidified concrete materials to be unloaded at a disposal site. The interior of the container is preferably lined with a material to which concrete will not adhere. The liner may be applied as a coating to the interior of the container or as a solid material retained within the container. In this way, solidified waste concrete can be easily removed from the container at the disposal site and preferably crushed for recycling.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw De
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☐ 3. Document ID: DE 3937822 A1

L14: Entry 3 of 10

File: EPAB

May 16, 1991

PUB-NO: DE003937822A1
DOCUMENT-IDENTIFIER: DE 3937822 A1
TITLE: Parking place for container with metal waste and cutting fluids - has concrete, polymer coated pit with collecting hopper, tank and horizontal extension at upper edge below container

PUBN-DATE: May 16, 1991

INVENTOR-INFORMATION:

NAME

COUNTRY

KREUZER, JOERG

DE

SISTIG, KURT DIPL ING

DE

US-CL-CURRENT: 210/532.2
INT-CL (IPC): B65D 90/24; E02D 31/00; E03F 11/00; E04H 5/06
EUR-CL (EPC): B65D090/00; B65D090/24

ABSTRACT:

A parking place is for waste containers (1) contg. environmentally damaging materials such as cutting fluids within metal shavings. A collecting receptacle (7) below the container (1) has the form of a pit constructed of concrete and sealed with epoxy resin. The pit has a horizontal extension (18) at the upper edge below the container (1) base. A hopper (3) mfd. in corrosion resistant steel is located directly below the container (1) and leads to a collecting tank (5). USE/ADVANTAGE - Damage by cutting fluids to soil surrounding parking areas for waste containers is prevented.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D.
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☐ 4. Document ID: EP 407785 A1

L14: Entry 4 of 10

File: EPAB

Jan 16, 1991

PUB-NO: EP000407785A1

DOCUMENT-IDENTIFIER: EP 407785 A1

TITLE: System for the permanent storage of radioactive wastes.

PUBN-DATE: January 16, 1991

INVENTOR-INFORMATION:

NAME

COUNTRY

CASAGRANDE, BRUNO

IT

US-CL-CURRENT: 250/507.1

INT-CL (IPC): G21F 5/005; G21F 9/34

EUR-CL (EPC): G21F009/34; G21F005/005

ABSTRACT:

CHG DATE=19990617 STATUS=O> System for the permanent storage of radioactive wastes (11) and of wastes in general involving a great risk of environmental and human contamination, the radioactive wastes (11) being collected in drums (12) or other suitable means, the drums (12) being capable of being stacked and gathered within containers (13) consisting advantageously of centrifuged concrete, the system arranging that a multi-barrier configuration is interposed between the radioactive source (11) and the surrounding terrain (17), the multiple barriers consisting of concrete structures (13-15-16) and of clay (14-114-214) injected in the liquid state within the concrete structures (13-15-16) so as to fill the whole of the empty interspaces, the clay solidifying into an impermeable plastic agglomerate after being injected.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D.
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☐ 5. Document ID: DE 3901783 A1

L14: Entry 5 of 10

File: EPAB

Aug 2, 1990

PUB-NO: DE003901783A1

DOCUMENT-IDENTIFIER: DE 3901783 A1

TITLE: Method for the final storage of weakly contaminated building rubble from the demolition of nuclear installations

PUBN-DATE: August 2, 1990

INVENTOR-INFORMATION:

NAME	COUNTRY
HEMPELMANN, WILHELM	DE
WALDENMEIER, GUENTER	DE
BEYER, VICTOR	DE

INT-CL (IPC): B09B 1/00; G21F 9/34

EUR-CL (EPC): B09B001/00; G21F009/34, C04B018/16 , C04B022/00 , C04B028/02

ABSTRACT:

CHG DATE=19990617 STATUS=O> A method for the final storage of weakly contaminated building rubble from the demolition of nuclear installations with the introduction of collecting containers provided for storage, consisting of the following method steps: - breaking up of the building rubble to a particle size suitable for the production of concrete, with the sorting out of parts not capable of being broken-up and not concrete-forming, - production of concrete from the broken-up particles with the addition of cement and water, - filling the concrete produced, before setting, into collecting containers already filled with bulky radioactive wastes, such as for example waste drums or large structural components, - filling the cavities between the bulky wastes in the collecting containers with the concrete itself. The particle size of the broken-up building rubble is between 15 and 50 mm, the binding water for producing the concrete can be weakly contaminated water from nuclear installations.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 6. Document ID: JP 2004075162 A

L14: Entry 6 of 10

File: DWPI

Mar 11, 2004

DERWENT-ACC-NO: 2004-343004

DERWENT-WEEK: 200435

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TITLE: Collection receptacle for panels of formwork, collects waste plastic article provided with identification information corresponding to content of predetermined substance, for recycling

PRIORITY-DATA: 2002JP-0240835 (August 21, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 2004075162 A</u>	March 11, 2004		016	B65D025/20

INT-CL (IPC): B29 B 17/00; B65 D 25/20; B65 F 5/00; G06 F 17/60

ABSTRACTED-PUB-NO: JP2004075162A

BASIC-ABSTRACT:

NOVELTY - The collection receptacle (12) collects the waste plastic article provided with identification information corresponding to the content of predetermined substance, for recycling.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for manufacture and collection management method of panel for formworks.

USE - Collection receptacle for receiving panel for concrete formworks, manufactured from waste plastic article e.g. container packaging plastic and industrial disposal plastic by recycling process.

ADVANTAGE - Improves the working efficiency of re-recycle and reduces the cost. Eliminates troublesome processing of analysis and classification.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the manufacture and collection management system.

manufacturing apparatus 2

terminal 3

communication network 4

management server 5

collection receptacle 12

Full	Title	Citation	Front	Review	Classification	Date	Reference	SEQUENCES	FIGURES	Claims	KWIC	Draw. De
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☐ 7. Document ID: JP 2000085906 A

L14: Entry 7 of 10

File: DWPI

Mar 28, 2000

DERWENT-ACC-NO: 2000-298100

DERWENT-WEEK: 200026

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TITLE: Waste collection container for the disposal of industrial waste e.g. chemical, chemical mixing waste, soil pollution burned ash and waste which cannot be recycled

PRIORITY-DATA: 1998JP-0259799 (September 14, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 2000085906 A</u>	March 28, 2000		011	B65F001/00

INT-CL (IPC): B09 B 3/00; B65 F 1/00; B65 F 5/00

ABSTRACTED-PUB-NO: JP2000085906A

BASIC-ABSTRACT:

NOVELTY - A concrete formwork (6) is used in the construction of a concrete block where the waste of each collection container (3) is enclosed. Concrete is poured inside the formwork after the detachable arrangement of the formwork outside of the collection containers.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the waste collection and processing method.

USE - For the disposal of industrial waste e.g. chemical, chemical mixing waste, soil pollution burned ash and waste which cannot be recycled.

ADVANTAGE - Enables waste disposal without creating pollution. Enables direct manufacture of concrete block where the waste of each collection container is enclosed.

DESCRIPTION OF DRAWING(S) - The figure shows a rough isometric view of the waste collection container.

Collection container 3

Concrete formwork 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 8. Document ID: JP 08054494 A

L14: Entry 8 of 10

File: DWPI

Feb 27, 1996

DERWENT-ACC-NO: 1996-176531

DERWENT-WEEK: 199618

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TITLE: Waste liq. collecting device in reactor container - includes waste liq. collecting vessel set in lower dry well of reactor container with waste liq. transferred to the vessel via transferring piping.

PRIORITY-DATA: 1994JP-0188592 (August 10, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 08054494 A</u>	February 27, 1996		009	G21D001/00

INT-CL (IPC): G21 C 13/00; G21 D 1/00; G21 F 9/04

ABSTRACTED-PUB-NO: JP 08054494A

BASIC-ABSTRACT:

A waste liq. collecting vessel is provided in a lower dry well set in a reactor container in a boiling water nuclear power plant. The waste liq. in the waste liq. vessel is transferred to waste liq. collecting tanks set outside the reactor container via transferring piping. The waste liq. collecting vessel consists of one vessel for collecting a low-electric conductivity waste liq. and a high-electric conductivity waste liq. The waste liq. collecting tanks consist of a low-electric conductivity waste liq. tank and a high-electric conductivity waste liq. collecting tank. The transferring piping is provided with transfer destination switch for

switching the supply destination corresponding to electric conductivity based on the determined result obtd. from an electric conductivity determining device for determining electric conductivity of the waste liq. in the waste liq. collecting vessel. Also claimed is that the installation of the waste liq. collecting device comprises: (a) previously integrally prefabricating the waste liq. collecting vessel with a reactor pressure vessel foundation base made of steel; (b) hanging the prefabricated body above the foundation of the reactor house; (c) sending the prefabricated body in the reactor container; (d) applying reinforcing bars around the prefabricated body; (e) placing concrete in the surroundings of the prefabricated body.

USE - The waste liq. collecting device is housed in the reactor container. The method installs the waste liq. collecting device.

ADVANTAGE - The method simplifies the works for the dry well to diametrically reduce the term of works. One waste liq. collecting vessel is used to dramatically reduce expenses; and the amt. of piping is reduced. The results effectively use the space in the dry well to enable the inclusion of other equipment.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 9. Document ID: DE 3937822 A

L14: Entry 9 of 10

File: DWPI

May 16, 1991

DERWENT-ACC-NO: 1991-149656

DERWENT-WEEK: 200032

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TITLE: Parking place for container with metal waste and cutting fluids - has concrete, polymer coated pit with collecting hopper, tank and horizontal extension at upper edge below container

INVENTOR: KREUZER, J; SISTIG, K

PRIORITY-DATA: 1989DE-3937822 (November 14, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 3937822 A</u>	May 16, 1991		007	

INT-CL (IPC): B65D 90/24; E02D 31/00; E03F 11/00; E04H 5/06

ABSTRACTED-PUB-NO: DE 3937822A

BASIC-ABSTRACT:

A parking place is for waste containers (1) contg. environmentally damaging materials such as cutting fluids within metal shavings. A collecting receptacle (7) below the container (1) has the form of a pit constructed of concrete and sealed with epoxy resin. The pit has a horizontal extension (18) at the upper edge below the container (1) base. A hopper (3) mfd. in corrosion resistant steel is located directly below the container (1) and leads to a collecting tank (5).

USE/ADVANTAGE - Damage by cutting fluids to soil surrounding parking areas for waste containers is prevented.

ABSTRACTED-PUB-NO:

EP 428113B EQUIVALENT-ABSTRACTS:

A stand for vessels for storing materials which are harmful to soil a collecting device comprising a collecting vessel and a cover being provided under the vessel, the collecting device comprising a trough (15,32,44,) and a frame (2) to receive the vessel (1,26,36,46) being provided, characterised in that the vessel is in the form of a container (1,26,36,46) comprising an upper filling region for receiving parts, e.g. chips or stamped parts of waste material or the like with drilling oil adhering thereto, supports (14) extending to the bottom of the trough (15,32,44) are secured to the frame (2), and the cover is an upwardly-foldable roof (12) or movable roof (20,21,22), the roofs (12,20,21,22) being folded up or moved to uncover the filler region (33,45,55) of the container, (1,26,36,46).

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 10. Document ID: DE 3441145 A

L14: Entry 10 of 10

File: DWPI

May 15, 1986

DERWENT-ACC-NO: 1986-132057

DERWENT-WEEK: 198621

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TITLE: Waste removable suction appliance, used in water - consists of suction propeller spiral pumps with filters and waste container

INVENTOR: SAVIC, S

PRIORITY-DATA: 1984DE-3441145 (November 10, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 3441145 A	May 15, 1986		005	

INT-CL (IPC): E02B 15/00

ABSTRACTED-PUB-NO: DE 3441145A

BASIC-ABSTRACT:

The suction appliance is used to remove micro and macro wastes, from the sea, rivers, lakes, etc. It has a propeller (1), to take in surface waste in the water, and an injector (2), to the waste to a destructor system. This consists of a coarse spiral pump (12) with coarse filter for phase one; medium pump (13) with medium filter for phase two; and a fine pump (14) with fine filter for phase three.

The waste is fed through valves (3) and a flexible concrete hose (6) to a collection container (10). This has a clean water outlet (8), and an automatic cut-out (7), when the container is full. The appliance is moved by an electric motor (10) with a gear system (15).

ADVANTAGE - Works like a dolphin, is completely movable for instant use.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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Term	Documents
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CONTAINERS	125472
WASTE	344184
WASTES	27174
CONCRETE	223890
CONCRETES	2114
COLLECT\$	0
COLLECT	160356
COLLECTABILITIES	2
COLLECTABILITY	121
(COLLECT\$ WITH CONTAINER WITH WASTE WITH CONCRETE).EPAB,JPAB,DWPI,TDBD.	10

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